

WHAT IS CLAIMED IS:

1. A lithographic printing plate precursor comprising a hydrophilic support having provided thereon a first layer comprising a first resin that is water-insoluble and alkali-soluble and a second layer comprising a second resin that is water-insoluble and alkali-soluble in this order and a light-heat converting agent incorporated into at least one layer of the first layer and second layer, which further comprises at least one organic solvent selected from organic solvents having a boiling point not less than 150°C and a dipole moment not less than 3.50 debye in an amount of from 0.5 to 5% by weight based on the total dry weight of the first layer and second layer.
2. A method for the preparation of a lithographic printing plate precursor comprising applying a first layer comprising a first resin that is water-insoluble and alkali-soluble with a coating solvent containing at least one organic solvent selected from organic solvents having a boiling point not less than 150°C and a dipole moment not less than 3.50 debye and then applying a second layer comprising a second resin that is water-insoluble and alkali-soluble with a solvent having a boiling point less than 150°C that does not contain the organic solvent having a boiling point not less than 150°C and a dipole moment not less than 3.50 debye used for the application

of the first layer.